

Q1. Draw lines to join all the pairs of number cards which have a difference of 30. One has been done for you.

100	180
150	170
200	70
250	330
300	220

Q2. Circle three numbers that add to make a multiple of 10

11 12 13 14 15 16
 17 18 19

Q4. These are the radio programmes one morning.

7:00 Music show
 7:55 Weather report
 8:00 News
 8:15 Travel news
 8:25 Sport
 8:45 Holiday programme

Josh turns the radio on at 7:25am. How many minutes does he have to wait for the Weather report?

The Holiday programme lasts for 40 minutes. At what time does the Holiday programme finish?

Q5. Calculate $56 \div 4$

Q7. A shop sells candles.

plain candles - 35p each
 star candles - 60p each
 stripe candles - 85p each

Sapna buys 4 star candles and 2 stripe candles. How much does she pay altogether?

Special offer: Buy 10 candles and get 50p off.

Josh buys 10 plain candles in the special offer. How much does he pay for the 10 candles?

Q3. Robbie collected information about the colours of some bikes. Here are his results.

Colour	Number of bikes
green	4
red	7
blue	12
pink	3

This bar graph shows the information from the table. Fill in all the missing labels.

Q6. Here are some shaded shapes on a square grid.

Write the letters of the two shapes which are hexagons.

Write the letters of the two shapes which have right angles.

Q8. Calculate $1202 + 45 + 367$

Q9. Here are some digit cards.

2 4 6 6

Write all the three-digit numbers, greater than 500, that can be made using these cards. One has been done for you.

626

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Q10. Tick the two numbers which have a total of 10

0.01

0.11

1.01

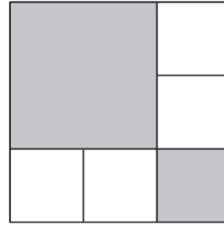
9.09

9.9

9.99



Q11. The diagram is made of squares. What fraction of the diagram is shaded?



Q12. Write the correct sign $>$, $<$ or $=$.

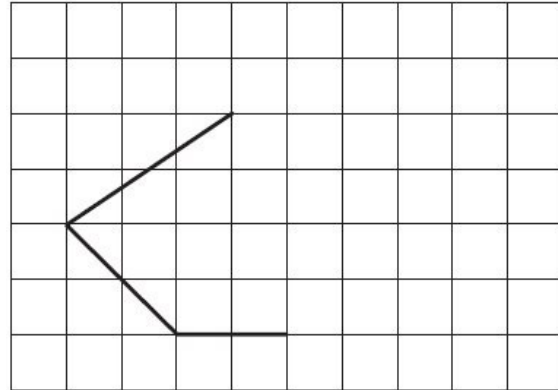
$(10 + 5) - 9$ $(10 + 9) - 5$

$3 \times (4 + 5)$ $(3 \times 4) + 5$

$(10 \times 4) \div 2$ $10 \times (4 \div 2)$



Q13. Draw two more lines to make a shape which has a line of symmetry.



Q14. Sapna makes up a game using seven cards. Here are the cards.



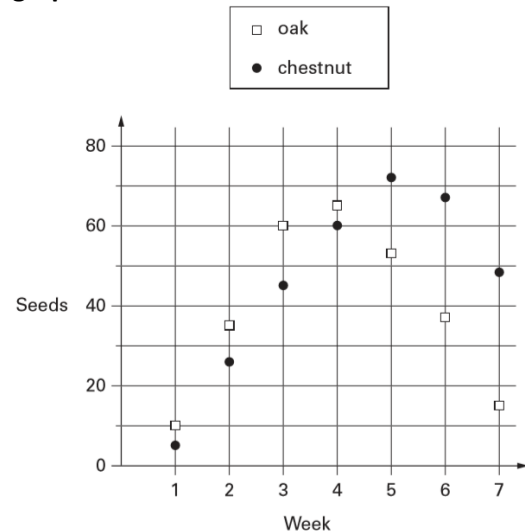
Josh picks a card without looking.

If Josh picks an odd number then Sapna scores a point. If Josh picks an even number then Josh scores a point.

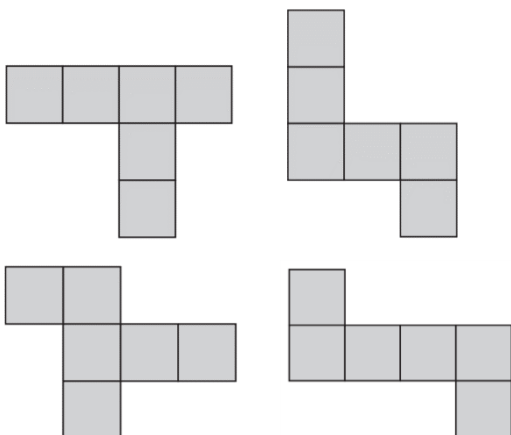
Is this a fair game? Explain how you know.



Q15. Class 6 count how many seeds they find under two trees. They show the data in a graph.



Q16. Here are four diagrams. On each one, put a tick if it is a net of a cube. Put a cross if it is not.



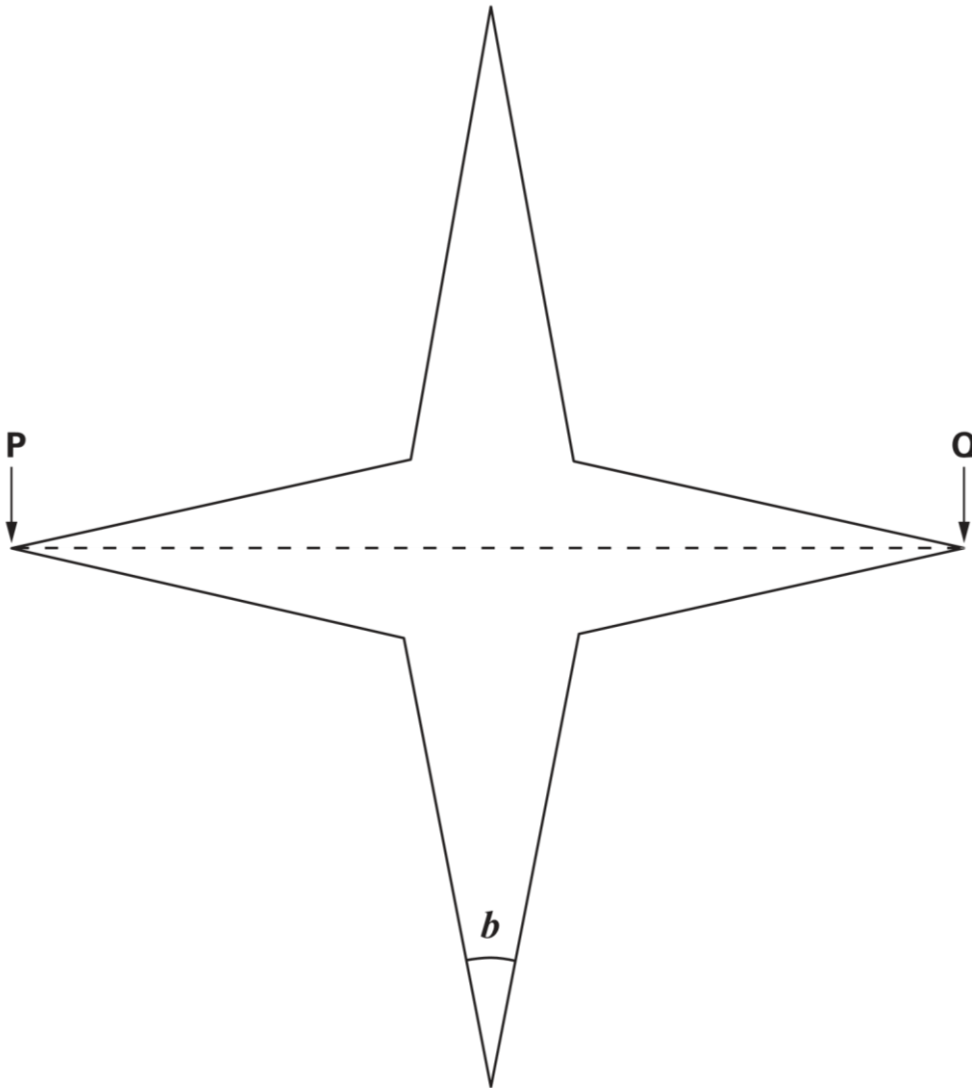
How many seeds did they find in week 3 altogether?

In how many weeks did they find more than 40 chestnut seeds?

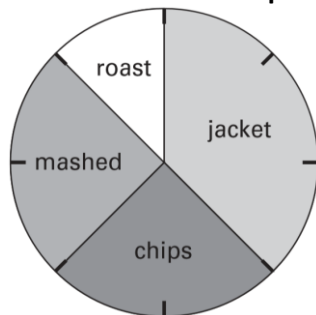


Q17. Use a ruler to measure accurately the width of the star, from P to Q. Give your answer in millimetres.

Use a protractor (angle measurer) to measure angle b.



Q18. This pie chart shows how the children in Class 6 best like their potatoes cooked.



32 children took part in the survey. For each statement put a tick if it is correct.

- 10 children like chips best.
- 25% of the children like mashed potatoes best.
- 1/5 of the children like roast potatoes best.
- 12 children like jacket potatoes best.

Q19. Find two square numbers that total 45

$$\boxed{} + \boxed{} = 45$$

Q20. Calculate 143 x 37

Q21. For each of the four sentences below, put a tick if it is true. Put a cross if it is not true.

- A triangle can have 2 acute angles.
- A triangle can have 2 obtuse angles.
- A triangle can have 2 parallel sides.
- A triangle can have 2 perpendicular sides.





Q22. Write these fractions in order of size starting with the smallest.

$$\frac{3}{4}$$

$$\frac{3}{5}$$

$$\frac{9}{10}$$

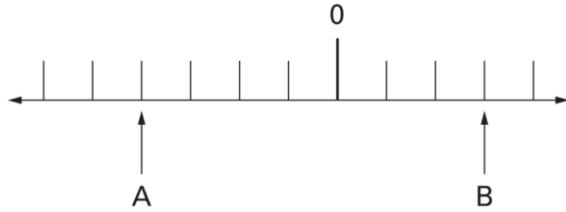
$$\frac{17}{20}$$



smallest



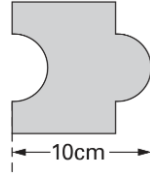
Q23. A and B are two numbers on the number line below.



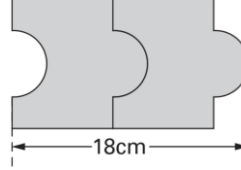
The difference between A and B is 140
Write the values of A and B.



**Josh has some tiles.
Each tile is 10 cm long.**



Two tiles fitted together are 18 cm long.



Calculate the length of five tiles fitted together.

